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SEP 25 2001

## PATENT RIGHTS ASSIGNMENT

This Assignment is made and executed by Thiokol Propulsion Corp., a Delaware corporation with its principal place of business located at 9160 N. Highway 83, P.O. Box 707, Brigham City, Utah 84302-0707 (hereinafter "Assignor"), to and in favor of Alliant Techsystems Inc., a Delaware corporation having its principal place of business at 5050 Lincoln Drive, Edina, MN 55436 (hereinafter "Assignee").

Whereas Assignor previously received the entire right, title and interest in and to all patent applications listed in Attachment A attached hereto and patents listed in Attachment B attached hereto; and

Whereas Assignor desires to assign his entire right, title and interest in and to all patents and patent applications, to Assignee for valuable consideration; and

Whereas Assignee has provided such valuable consideration to Assignor;

Accordingly, the parties agree as follows:

1. Assignor hereby conveys and assigns to Assignee Assignor's entire right, title and interest in and to the Patents and Patent Applications and the inventions disclosed in them, including all continuation, continuation-in-part and divisional applications and all continuing prosecution applications based in whole or in part on the Patents and Patent Applications, and including all patents and reissues resulting from the Patent Applications.
2. Assignor hereby assigns to Assignee Assignor's entire right, title and interest in and to all counterparts to the Patents and Patent Applications that have been or may be filed outside the United States, whether pursued as a patent, an inventor's certificate, a utility model or the like, including all rights of priority based on the Patents and Patent Applications, further including all continuation, continuation-in-part and divisional applications and all continuing prosecution applications based in whole or in part on the non-U.S. counterparts, and still further including all patents, inventor's certificates, utility models and reissues based upon or resulting from any of the non-U.S. counterparts.
3. Assignor hereby grants to Assignee the sole and exclusive right to prosecute the Patents and Patent Applications and all related patents and applications as described in Paragraphs 1 and 2 above, as well as any opposition proceedings, reissue applications, reexaminations, and nullity or invalidity proceedings. Assignor authorizes all governmental bodies having the power to issue patents, reissues, inventor's certificates or utility models to issue a patent, reissue, inventor's certificate or utility model based on

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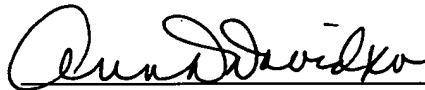
the Patents and Patent Applications or any related applications as described in Paragraphs 1 and 2 above in the name of Assignee.

4. Assignor agrees upon request and without further consideration, but at Assignee's expense: (a) to assist Assignee in prosecuting the Patents and Patent Applications and all related applications as described in Paragraphs 1 through 3 above, as well as opposition proceedings, reissue applications, reexaminations, and nullity or invalidity proceedings; (b) to provide Assignee with information concerning the Patents and Patent Applications to enable Assignee to obtain, secure and protect the rights granted under this Assignment; (c) to sign papers, take oaths and testify in legal proceedings to enable Assignee to obtain, secure and protect the rights granted under this Assignment; and (d) to perform all acts reasonably necessary to enable Assignee to obtain, secure and protect the rights granted under this Assignment.

5. Assignee may assign the rights under this Assignment in whole or in part. All references herein to Assignee include any successors or assigns of Assignee.

6. Assignor acknowledges that Assignee has provided valuable consideration for the rights granted under this Assignment.

September 7, 2001  
Date

  
Ann D. Davidson  
Assistant Secretary

On this 7<sup>th</sup> day of SEPTEMBER, 2001 Ann D. Davidson, who is known to me to be the person whose name is subscribed to the foregoing instrument, personally appeared and executed the foregoing instrument for the purposes therein contained.

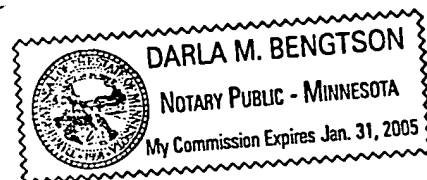
IN WITNESS WHEREOF, I have set my hand and official seal.

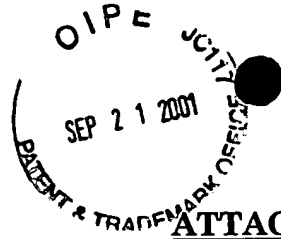


Notary Public

My Commission Expires:

01-31-2005





**ATTACHMENT A (PATENT APPLICATIONS)**

60/279,560  
60/227,176  
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**TC 1700**

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**ATTACHMENT B (PATENTS)**

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Approved for use through 10/31/2002. OMB 0651-0035

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# POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/436,360
Filing Date	November 9, 1999
First Named Inventor	Sanderson
Group Art Unit	3641
Examiner Name	Miller, E.
Attorney Docket Number	1082-370

114/ASO  
PIA  
10/3/01

I hereby appoint:

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☒ Practitioner(s) named below:

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Number Bar Code  
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Stephen T. Sullivan	32,444
David S. Taylor	39,045

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Please change the correspondence address for the above-identified application to:

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OR

☒ Firm or  
Individual Name Sullivan Law Group

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City Phoenix

State AZ

ZIP 85018

Country U.S.A.

Telephone 602 956 6161

Fax 602 956 6262

I am the:

☐ Applicant.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name Ann D. Davidson

Signature *Ann D. Davidson Y.P. Allesat Techsystems Inc*

Date 9/7/2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

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